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TO:

Examiner Karen Williams

FAX NO:

703-305-3230

FROM:

Gregory D. Williams General Counsel

NEW ENGLAND BIOLABS. INC.

FAX NO:

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CONTACT: Melissa Jackson

CONFIRMATION BY MAIL

# "ENT COOPERATION TREA"

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: GREGORY D. WILLIAMS NEW ENGLAND BIOLABS, INC. 32 TOZER ROAD



NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing

03 OCT 2001

Applicant's or agent's file reference NEB-163-PCT

IMPORTANT NOTIFICATION International filing date (day/month/year)

Priority Date (day/month/year)

International application No PCT/US00/14122

23 MAY 2000

24 MAY 1999

Applicant

NEW ENGLAND BIOLABS, INC.

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication o all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks Box PCT

Washington, D.C. 20231

Facsimile No. (703) 305-3230 Form PCT/IPEA/416 (July 1992) \* Authorized officer

TERRY A. MCKELVE

Telephone No. (703) 308-0196

Applicant's or agent's file reference



# **PCT**

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

NEB-16:-PCT	FOR FURTHER ACTION	Preliminary	Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/s	month/year)	Priority date (day/month/year)
PCT/US(0/14122	23 MAY 2000		24 MAY 1999
International Patent Classification (IPC) IPC(7): C12N 15/10, 15/62, 15/64; C	or national classification and IF 12P 21/02 and US Cl.: 435/69	PC 9.1, 91.42; 53	6/23.4
Applicant NEW ENGLAND BIOLABS, INC.	1		
Examining Authority and is  2. This REPORT consists of a This report is also accombeen amended and are th	transmitted to the applicant total of sheets. panied by ANNEXES, i.e., she basis for this report and/or shin 607 of the Administrative	according to ets of the desc neets containing	cription, claims and/or drawings which have agrectifications made before this Authority.
3. This report contains indication			
I X Basis of the report II Priority III Non-establishmen IV Lack of unity of V X Reasoned statemer citations and expla VI Certain documents VII Certain defects in the	nt of report with regard to no invention it under Article 35(2) with re- nations supporting such staten	ovelty, invent gard to novelt nent	tive step or industrial applicability
Date of submission of the demand		•	n of this report
17 NOVEMBER 2000	2	3 AUGUST 2	0001
Name and mailing address of the IPEA/ Commissioner of Patents and Traden Box PCT Washington, D.C., 2028   Facsimile No. (703) 305-3230	arks	OFFICER OFFICER FERRY A. M. phone No.	CKEL-VEY (703) 308-0196
Form PCT/IPFA/409 (cover sheet) (Infa			,

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern	al application	No.
PCT/US	500/14122	

Ba	asis of	the report		
With	recard	to the elements of the internal	tional application: *	
	**	ternational application as	••	
칟		scription:		
لکا	pages	(See Attached)		, as originally filed
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		(See Attached)		, as originally filed
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the	internat	tional application was filed, t	nents marked above were available or furnished to unless otherwise indicated under this item. hed to this Authority in the following language	0.4
	the Iai	nguage of a translation fu	unished for the purposes of international sea	arch (under Rule 23.1(b)).
亓	the las	nguage of publication of	the international application (under Rule 48	.3(b)).
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	ith regar	rd to any <b>nucleotide and/o</b>	r amino acid sequence disclosed in the internation on the basis of the sequence listing:	ational application, the international
Х	contai	med in the international a	pplication in printed form.	
X	filed t	ogether with the internati	ional application in computer readable form	
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$\Box$	furnis	hed subsequently to this /	Authority in computer readable form.	
	The st	atement that the subsequent ational application as filed	ntly furnished written sequence listing does no has been furnished.	t go beyond the disclosure in the
	The sta	atement that the information unished.	recorded in computer readable form is identical	to the writen sequence listing has
4. X	The a	mendments have resulted	in the cancellation of	
	x	the description, pages	NONE	
	X	the claims. Nos.	NONE	
		the drawings, sheets/fig		
5.			some of) the amendments had not been made, sir	ace they have been considered to go
_			indicated in the Supplemental Box (Rule 70.2(c)	
in i	lacemen	t sheets which have been furn ort as "originally filed" and	ished to the receiving Office in response to an invite are not annexed to this report since they do no	ution under Article 14 are referred to
**An	y replac	ement sheet containing such	amendments must be referred to under item 1	and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US00/14122

statement			
Novelty (N)	Claims	9-11, 14-15, 17-20, and 22-32	YE
	Claims	1-8, 12-13, 16, and 21	NO
Inventive Step (IS)	Claims	9-11, 14-15, 17-20, and 22-32	YI
	Claims	1-8, 12-13, 16, and 21	_ NO
	(3)	1-32	YE
Industrial Applicability (IA)	Claims	1-32 NONE	N
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#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

PCT/US00/14122

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes 1 - VIII

Sheet 10

#### I. BASIS OF REPORT:

This report has been drawn on the basis of the description, page(s) 1-72 and 74-93, as originally filed. page(s) 72, filed with the demand. and additional amendments: NONE

This report has been drawn on the basis of the claims, page(s) 94-99, as originally filed. page(s) NONE, as amended under Article 19. page(s) NONE, filed with the demand. and additional amendments: NONE

This report has been drawn on the basis of the drawings, page(s) 1-33, as originally filed. page(s) NONE, filed with the demand. and additional amendments: NONE

This report has been drawn on the basis of the sequence listing part of the description: page(s) 1 41, as originally filed. pages(s) NONE, filed with the demand. and additional amendments: NONE

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Form PCT'IPEA/409 (Supplemental Box) (July 1998) \*

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